

FIG. 1

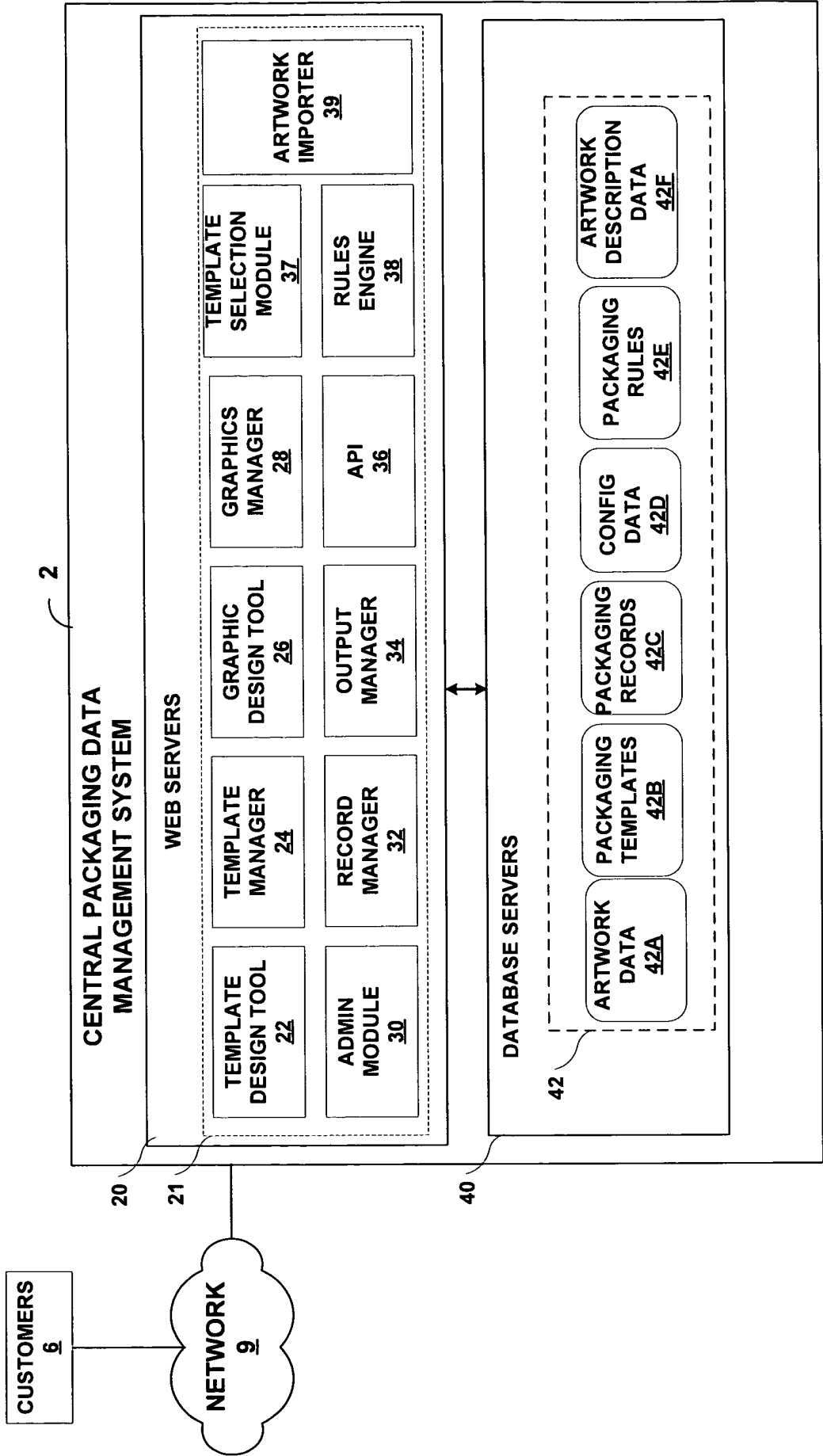


FIG. 2

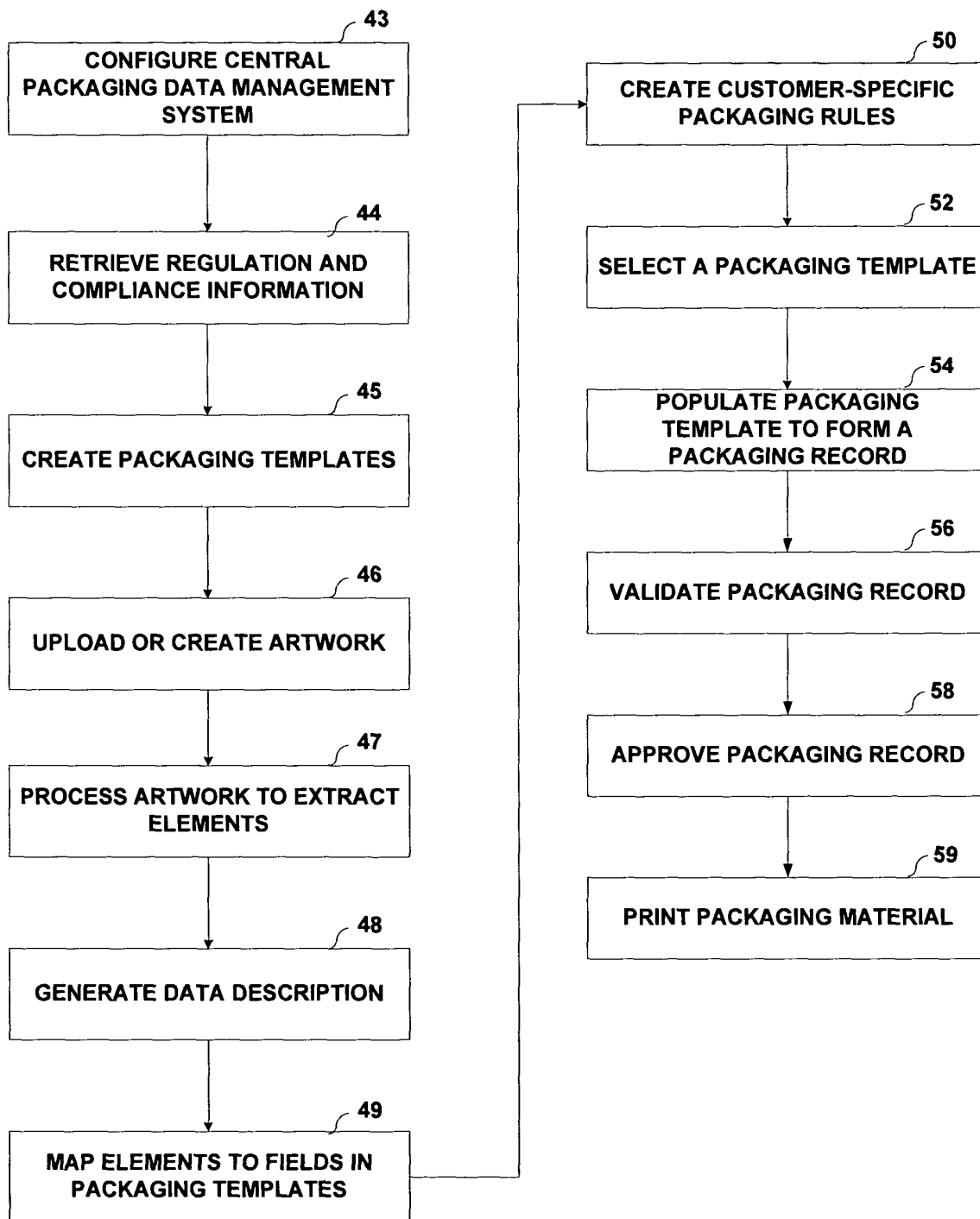


FIG. 3

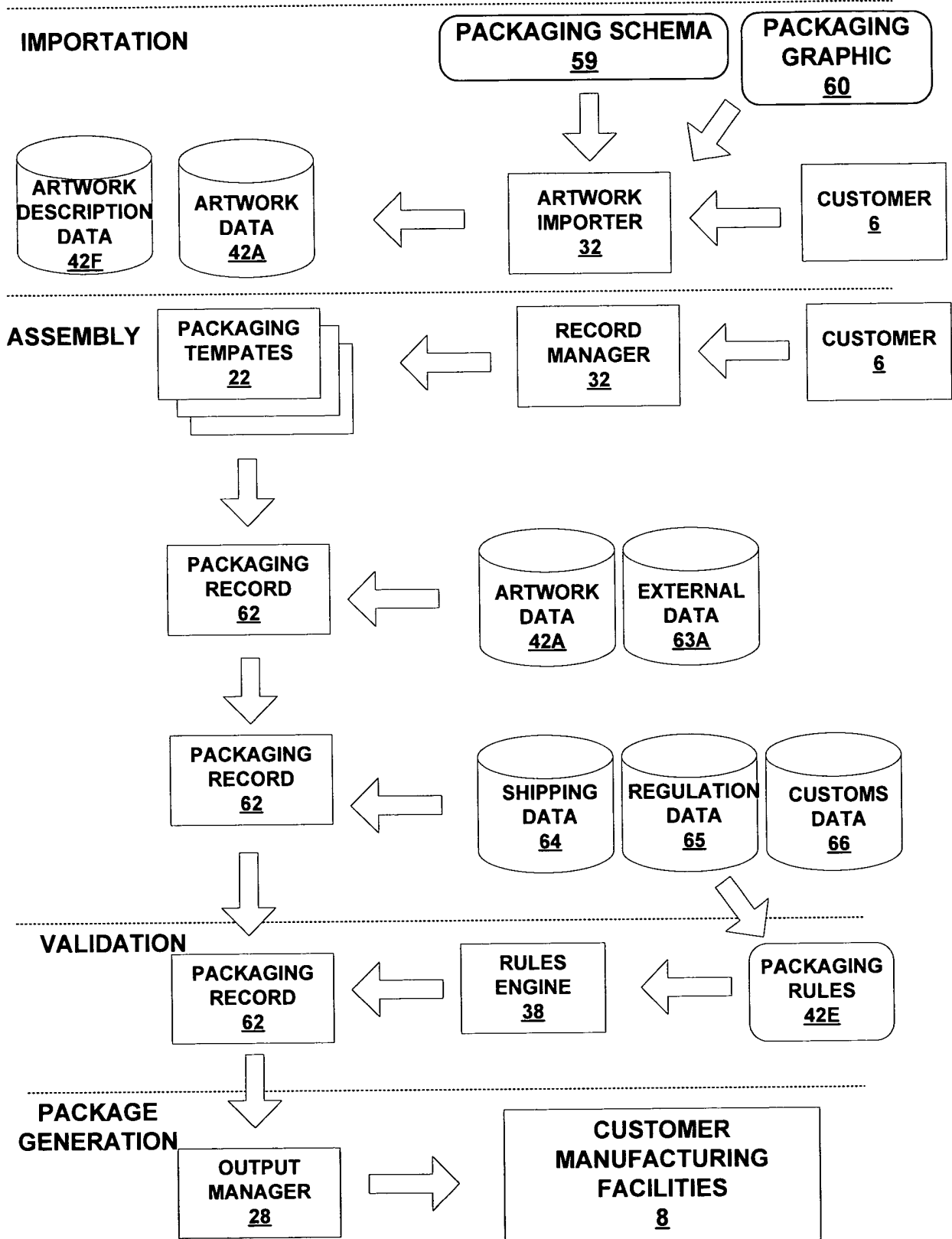


FIG. 4

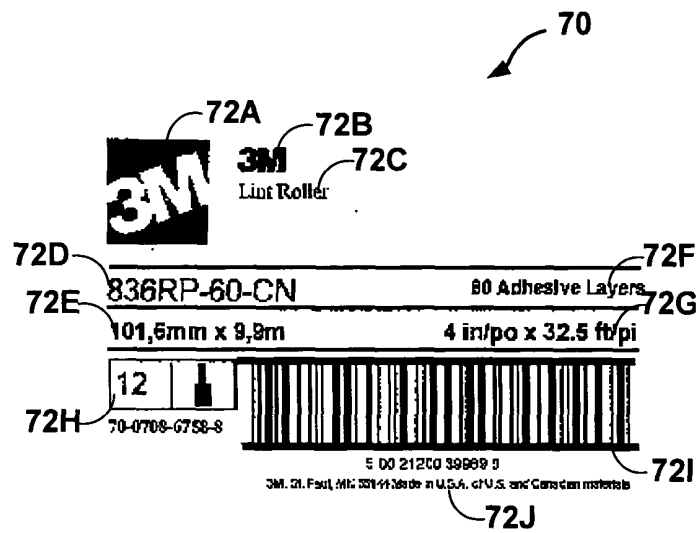


FIG. 5

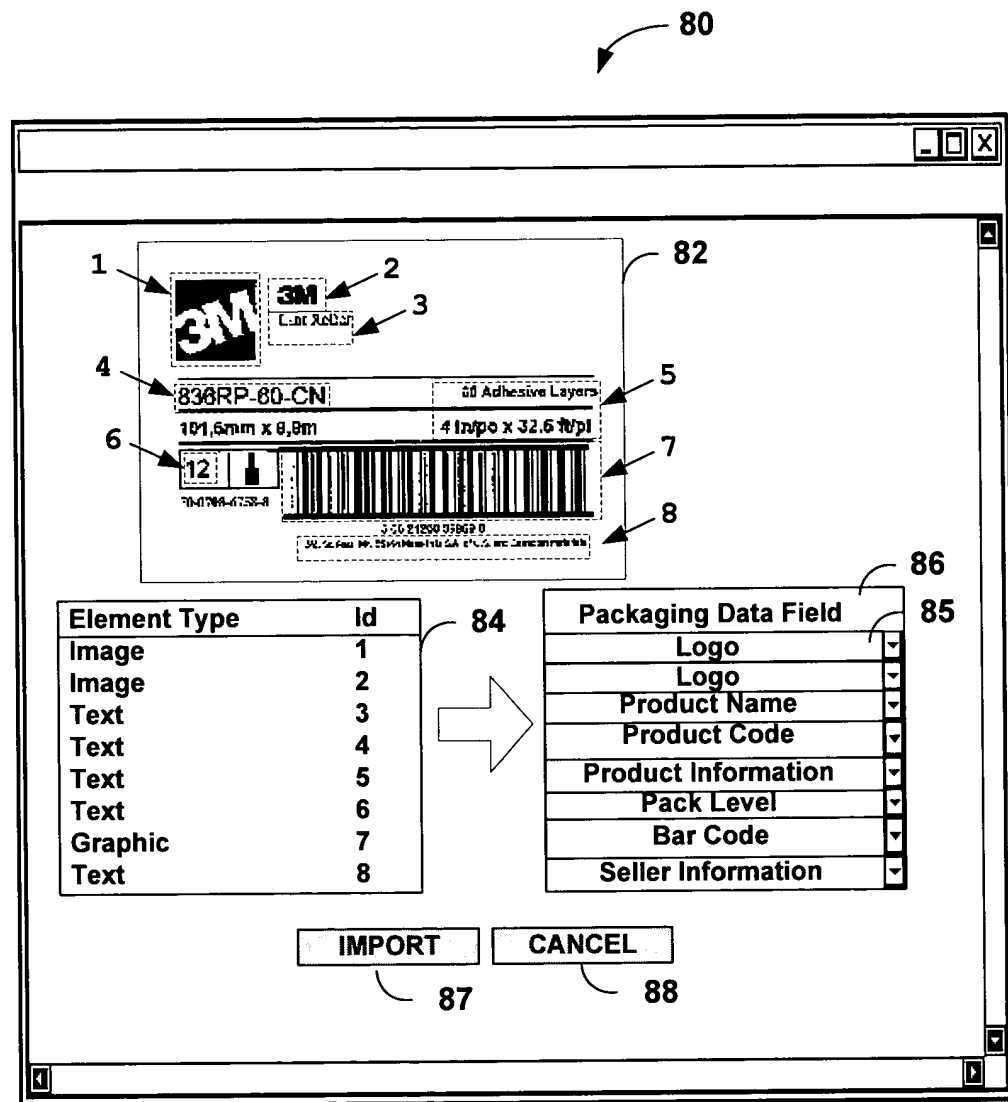


FIG. 6

3M Package Engineering

Central Labeling Database

81

82

83

84

85

86

87

88

89

90

91

92

TEMPLATE MANAGEMENT

Add

Approve

Change

Save

Search

Global

PackLevel

Market

Business Units

Enter Template ID

Search

Display

Template ID

12345678

Global

Pack Levels

1

2

3

4

5

6

7

8

9

Status

Draft

Markets

Electronics

Name

Label Name

Business Units

Data Storage Division

Date of Entry

Date of Approval

Template Size

5x7

Description

Trustee

Collin Houghton

Supersedes

Old Label

Attach File

Label.lbl

Browse

Search Results

CLD Graphics Management System

Control Panel

94 Add 99 Approve Change Save Cancel

Graphic Date

100 Status Date of Entry Date Approved Trustee Superseded by

Unique Graphic ID 1234 **Name** Corporate Logo

Description Flying Wings Corporate Logo

Source Path And Filename 97 J:\Logos\flyingswings.jpg Browse

Categories

☐ Pack Level ☐ Logo ☐ Symbol

Search

95 Enter a graphic name: Search Clear Results

Results

Name	Id Number	Status
View		

Graphics Viewer

98

FIG. 8

101

RECORD
MANAGER

3M Package Engineering

Central Labeling Database

102 Functions

New Record	Query Record	Change Record
Save Changes	Cancel	Approve Pending

106

Lookup Options

3M ID Unique Label ID 140

CLD Key Fields

3M ID 70-0160-6829-1

Label Pack Level (6) Shipper

Part Status Approved

Unique Label ID 38-7000-0028-4

Non Pass Through Product

104

107

105

108

Product

Pack Level

Template/Part

Graphics

Translations

108A

TradeMark Names

#1	
#2	
#3	
#4	
#5	
#6	

Power Brand Name

Product Description

Notes

Generic Name

Cal Number 653AU

Business Unit

Expiration Days Offset 0

110A

110B

110C

Main Product Data

Origin / Addresses Data

Free Text Data

FIG. 9

FIG. 9

3M Package Engineering Central Labeling Database

101

New Record

Save Changes

Query Record

Cancel

Change Record

Approve Pending

LookUp Options

☒ 3M ID
☐ Unique Label ID

CLD Key Fields

3M ID

70-0160-6829-1

Pat

Status

Approved

Label Pack Level

(6) Shipper

Unique Label ID

38-7000-0028-4

Non Pass Through Product

Product

Pack Level

Template/Part

Graphics

Translations

Country Of Origin

Country Of Origin

Made in the U.S.A.

Made In Translations

#1

French

#2

Latin American Spanish

#3

#4

#5

#6

Addresses

#1

3M St Paul

#2

#3

#4

#5

#6

Main Product Data

Origin / Addresses Data

Free Text Data

FIG. 10

Functions		Lookup Options		CLD Key Fields	
New Record	Query Record	Change Record		3M ID	Part
				70-0160-6829-1	Approved
Save Change	Cancel	Approve Pending		Label Pack Level	Unique Label ID
				(6) Shipper	38-7000-0028-4
108B			<i>Non Pass Through Product</i>		

Product		Pack Level		Template/Part		Graphics		Translations	
Pack Level Options		Pack Level Options		Pack Level Options		Pack Level Options		Pack Level Options	
1	2	3	4	5	6	7	8	9	Billing Unit
Pack Level Detail Data									
Quantity		Quantity		Quantity		Quantity		Quantity	
15		15		15		15		15	
In Icon		In Icon		In Icon		In Icon		In Icon	
Per Icon		Per Icon		Per Icon		Per Icon		Per Icon	
Barcode Symbol		Barcode Symbol		Barcode Symbol		Barcode Symbol		Barcode Symbol	
Barcode Content		Barcode Content		Barcode Content		Barcode Content		Barcode Content	
Barcode		Barcode		Barcode		Barcode		Barcode	

PACK OUT LINE SUMMARY:	
<div style="display: flex; justify-content: space-around;"> <div>12 </div> <div>9 </div> <div>36 </div> <div>124 </div> </div> <p>(3) Intermediate Pack-1</p>	<div style="display: flex; justify-content: space-around;"> <div>12 </div> <div>9 </div> <div>36 </div> <div>124 </div> </div> <p>(6) Shipper</p>

FIG. 11

3M Package Engineering Central Labeling Database

New Record

Query Record

Change Record

Saves Changes

Cancel

Approve Pending

Look Up Options

3M ID

Unique Label ID

108D

CLD Key Fields

3M ID

70-0160-6829-1

Label Pack Level

(6) Shipper

Pat

Approved

Status

Approved

Unique Label ID

38-7000-0028-4

Non Pass Through Product

Product

Pack Level

Template/Part

Graphics

Translations

Label Graphic Symbols

Pack Level

(6) Shipper

Pat

134

Add

Change

Delete

Field Name

Graphic_Field_1

Graphic_Field_2

Category

Logo

Logo

Choice

3M Super Logo graphic

Post It Logo

132

101

FIG. 13

3M Package Engineering Central Labeling Database

101

New Record

Query Record

Change Record

Save Changes

Cancel

Approve Pending

Look Up Options

3M ID

Unique Label ID

CLD Key Fields

3M ID

70-0160-6829-1

Label Pack Level

(6) Shipper

Part

Approved

Unique Label ID

38-7000-0028-4

Status

Approved

Product

Pack Level

Template/Part

Graphics

Translations

Product Description Translations

Pack Level

(6) Shipper

Part

Add

Change

Delete

Language

French

Latin American...

Translation Text

Feuillets

Notes

Product Description

Notes

Non Part Through Product

108E

APPLICANT: SHANNON M. ZIMMERMAN ET AL.
 TITLE: CENTRALIZED MANAGEMENT OF PACKAGING DATA WITH ARTWORK IMPORTATION MODULE
 ATTORNEY/AGENT: KENT J. SIEFFERT
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 DOCKET NO.: 58830US002 (1004-079US01) SHEET 14 OF 17

FIG. 14

Central Labeling Database: Output Module

3M Package Engineering

Central Labeling Database

140

Print Labels View Approved Labels CLD Help

Label Search

Data Source ☐ Local Data Source ☒ Central Data Source

Search By: ☒ 3M ID Number ☐ Unique Label ID

3M ID: 70-0160-3745-2

Pack Level (6) Shipper

Part

Look Up

FIG. 15

140

Print Labels
View Approved Labels
CLD Help

Label Search

Data Source: ☐ Local Data Source ☒ Central Data Source

Search By: ☒ 3M ID Number ☐ Unique Label ID

3M ID: Pack Level: Part:

Label Detail Data

Product Description	Catalog Number	Barcode Content
Notes	163RP	5002120000339
Imperial Dimensions	Imperial Weight	Metric Weight
1.5 in/po x 2 in/po	38.1 mm x 50.8 mm	
Template Name	Suggested Label Stock	Calculated Expiration Date
Post It Shipper		No Offset Specified

Variable Run-Time Data

Lot Number:	Batch Code:	Quantity:	Available Printers:
		11	Pkg-HP4050-224-1e

146
150
152

FIG. 16

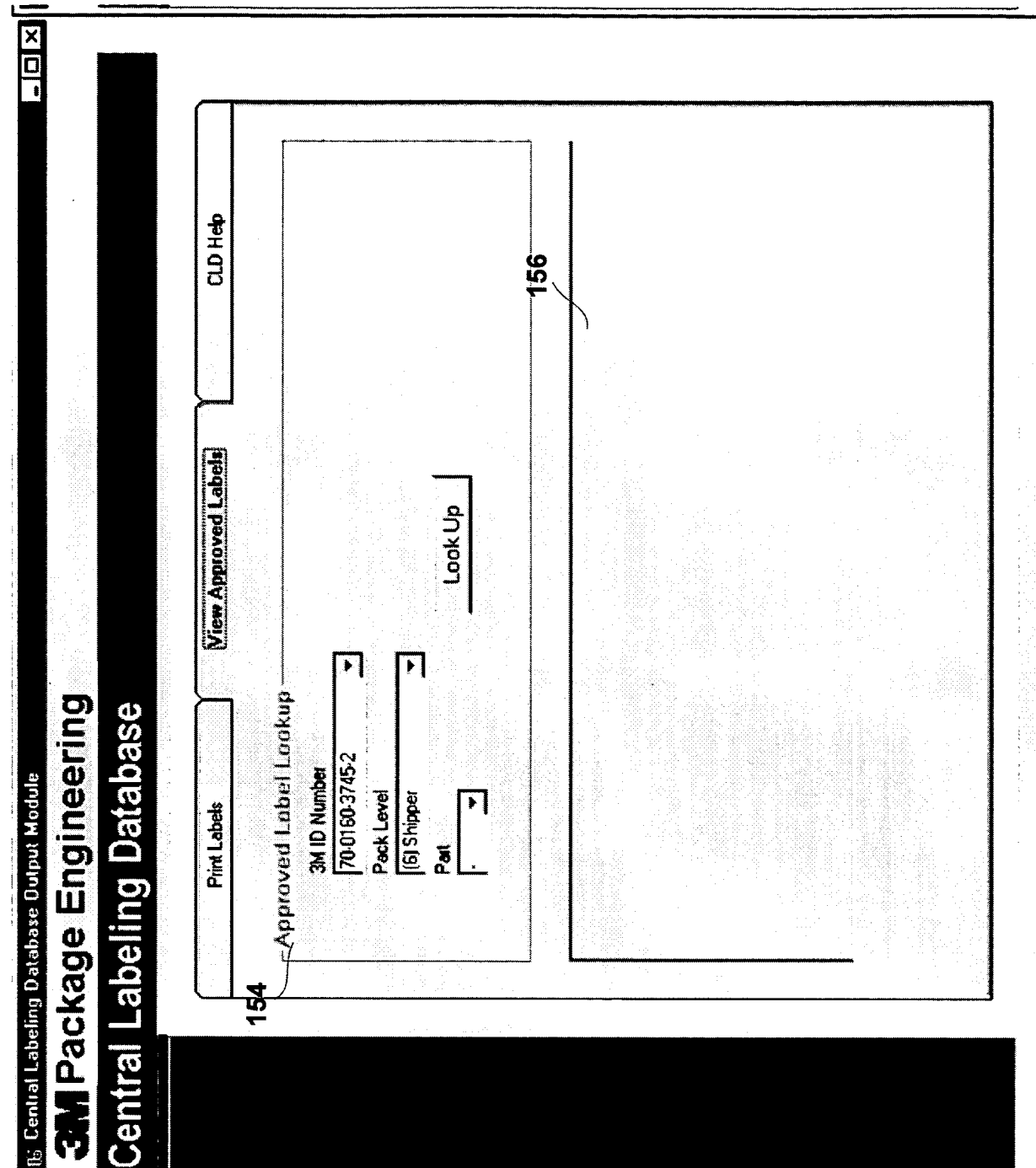


FIG. 17